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**APR 14 2006**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>2771-567-DIV-CON3</b>
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>3545</b>
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>2812</b>
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Andre C. Stevenson</b>
<b>Title:</b>	)	<b>Customer No.:</b>	
<b>INFRARED THERMOPILE</b>	)		
<b>DETECTOR SYSTEM FOR</b>	)		
<b>SEMICONDUCTOR</b>	)		
<b>PROCESS MONITORING</b>	)		
<b>AND CONTROL</b>	)		

**25559**

**FACSIMILE TRANSMISSION CERTIFICATE**

**ATTN: Examiner Andre C. Stevenson**

**Fax No. (571) 273-8300**

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**12 Pages**

**Number of Pages (including cover)**

*Ajay Pathak*  
Ajay S. Pathak

*4/14/06*

**April 14, 2006**

**Date**

**AMENDMENT AND RESPONSE TO FEBRUARY 21, 2006 FINAL OFFICE ACTION IN**  
**U.S. PATENT APPLICATION NO. 10/731,355**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the February 21, 2006 Final Office Action, please consider and enter this Amendment and Response into the file of the above-identified application.

04/17/2006 MBINAS 00000038 10731355

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«Case\_\_CaseNumber»

Please amend the claims of the application as set out in the following **Section I (Amendments to the Claims and Listing of Claims)** beginning at page 3.

Remarks addressing the substance of the February 21, 2006 Final Office Action are set out in the **Section II (Remarks)** beginning at page 5 hereof.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**

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